

ANGLIA Multimedia CD ROM

World Population **ATLASFILE**

Education Version



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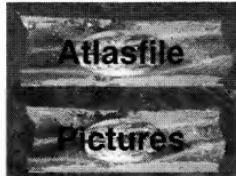
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Contents of the CD ROM

There are two main areas on the *World Population* CD ROM.



The *Atlasfile* offers comprehensive choropleth mapping facilities of world population data.

A series of eighty *pictures* provides photographic support for the data.

In addition, there are two other important areas which are available through the directory structure of the CD ROM:

- There is an extensive set of *activity sheets* which are stored on the CDROM. They can be printed out on paper.
- The data which is used for the choropleth mapping is available in a variety of formats for loading into your own data-handling software.

Using the CD ROM

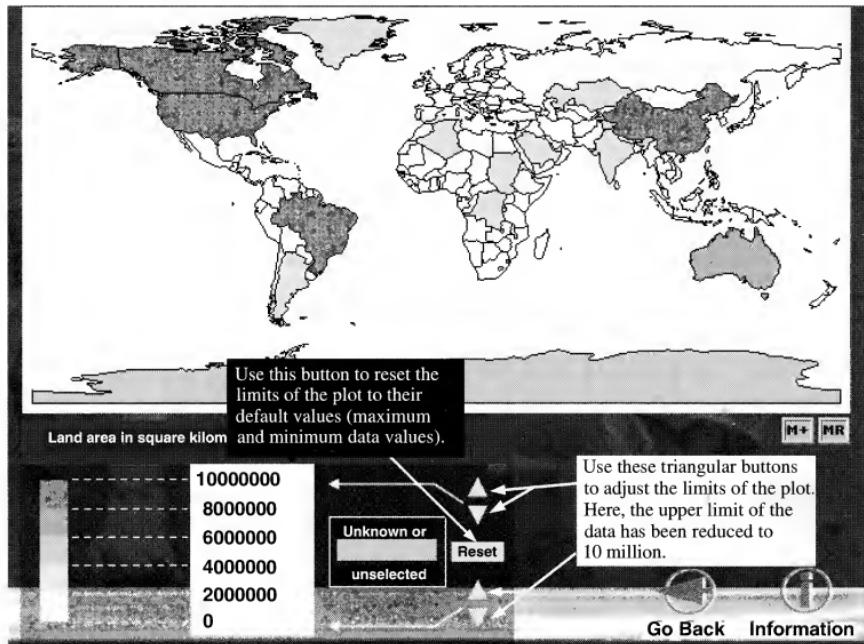
The main routes through the CD ROM require the user to click with the mouse on icons such as those shown above. There is extensive use of a "Go Back" icon which retraces the path down which the user has travelled.



Information and help are available by clicking on this icon with the mouse. This also permits some control over the use of sound and memory.

ATLASFILE CONTROLS

Once an Atlasfile has been chosen, it will plot the relevant choropleth map using the full set of data. Sometimes (as with population data) one or two countries set the limits in a way which pushes the majority to be plotted in one colour. Whenever a narrower range needs expanding, the boundary limits can be adjusted (and subsequently reset) as shown below.



Getting Started

This CD ROM is designed to run on the following computers

MPC	IBM compatible minimum 386SX/33MHz (486SX/25MHz or above recommended) 4 Mb RAM Sound Blaster compatible sound card Double speed 300 kps CD ROM drive Windows® 3.1 or later (inc. Windows® 95) Mouse VGA display DOS 5.0
Macintosh™	Macintosh™ or Power Macintosh System 7™ or above 4 Mb RAM, 8 Mb recommended Double speed 300 kps CD ROM drive 256 colour, 640x480 display
Acorn	Risc computer (A-Series, Risc PC or Media Range) RISC OS 3.1 or above 4 Mb RAM Double speed 300 kps CD ROM drive Monitor supporting 640x480 display

Installation

MPC (IBM Compatible)

The CD ROM will work with a 640x480 pixels 256 colour display.

To install this CD ROM on an IBM or compatible:

- 1 Windows® 95: From the **Start** menu, select **Run...**
Windows® 3.1: From the Program Manager's **File** menu, select **Run...**
- 2 Type **D:\SETUP.EXE** and press **Return** or click on **OK**. (Substitute another drive letter if the CD ROM is not in drive D.)
- 3 Select **Install**. The system will then set up a Windows Group called **Anglia Multimedia**.

You can also use the Windows® 95 quick install feature available from the **Settings** option of the Main Menu. Consult your Windows® 95 manual for further details.

Running the Program

Windows® 95: Click on the **Start** icon and access the **Programs** submenu. Then, from the **Anglia Multimedia** submenu click on the **World Population** icon.

Windows® 3.1: In the Program Manager, open the **Anglia Multimedia** group and double-click on the **World Population** icon.

For additional information, please consult the **README.TXT** file within the PC directory.

N.B. The program may produce various prompts before running connected with the **Resume** and **Save Status** features described in the next section.

Apple™ Macintosh™

The CD ROM will operate in a 640x480 pixel 256 colour display mode. No special installation is normally necessary. Just insert the CD ROM and wait for the **World Population** icon to appear on your desktop. Double-click on this icon to open its window, then double-click on the **Run World Population** icon to run the program.

Acorn A Series & Risc PC

Insert the CD ROM and click on the appropriate CD ROM icon on the left of the iconbar. Run **!WorldP** on the root of the CD ROM.

If you have any problems, open the **ACORN** folder and run **!CDFAST** and **!SYSAUTHOR** before running **!WorldP**. If you *still* have problems, run the **!SETUP** application.

The disc has been designed to look at its best when run in 640x480, 256 colour mode (Mode 28). For further information, see the **!README** file within the **ACORN** folder.

N.B. The program will produce various prompts before running in connection with the **Resume** and **Save Status** features described in the next section. It is advisable to read that section before proceeding further.

Free Technical Support in the U.K.

Phone 0161 476 2924 Monday-Friday 9am-5:30pm

Registering your new product qualifies you for FREE technical support.

Before calling Technical Support, please follow these steps:

- 1 Check your manual thoroughly.
- 2 Gather all information that applies to the problem.
- 3 Write down all the steps you have taken to solve the problem.
- 4 Be sure you know your hardware configuration, operating system version, memory, monitor type, etc.

Resume and Save Status Features

This CD ROM is designed to automatically retain your status between each use. This works differently depending on the machine you are using:

MPC

With the exception of your first use of **World Population**, each time you run the program you will be asked whether you wish to resume from your previous session. If you select **YES**, you will return to **World Population** with everything as you left it. Otherwise, the program will start from the beginning.

It is also possible to save your current status at any point. To save your status: Click on the right hand mouse button and select **Save Status** to save a status file to disc. A default directory created on your hard disc is automatically selected for the convenient storage of status files. To load a status file: Click on the right hand mouse button. Select **Load Status** and select a status file to load.

Macintosh™

The **Resume** and **Save Status** features are not available for Macintosh™ on this release of **World Population**.

Acorn A Series & Risc PC

Status and resume files are normally held in a special folder called the **Extras Folder**.

When you first run **!WorldP**, the program will ask whether you wish to create an **Extras Folder**. Select **YES** and drag the icon into a directory or onto a disc.

Alternatively, you may create an **Extras Folder** at a later point: Click on the **Menu** button, switch to desktop execution (or press F2). Press the **Menu** button again and select **Create Extras Folder** and drag the icon into a directory or onto a disc.

Once an **Extras Folder** has been created, each time you run **!WorldP** you will be asked whether you wish to resume from your previous session. If you select **YES** you will return to *World Population* with everything as you left it. Otherwise, the program will start from the beginning.

It is also possible to save your current status at any point. To save your status: Click on the **Menu** button. Select **Save Status** from the menu. Delete the default name back as far as (but not including) the rightmost '!' and enter a name for your file. Click on **OK** to save the file within the **Extras Folder** or drag the icon into a directory or onto a disc. To load a status file: Click on the **Menu** button. Select **Load Status** and select a file from the menu of files within the **Extras Folder**. Alternatively, drag a status file onto the program's main window.

N.B.

- i) When re-running the program on the Acorn it is important to ensure that the filer has already 'seen' the **Extras Folder**. If you have problems, double click on the **Extras Folder** to ensure that it is registered.
- ii) For class, multi-platform or multi-user applications please consult the **!README** file on the CD ROM.

Copying Text and Graphics

You can save text and pictures from the CD ROM for educational purposes as outlined in the licence. There are two main opportunities for using this facility. When using the Atlasfile, the choropleth map and the legend can each be saved separately. When using the slide show, any of the photographs (in their respective sizes) can be saved as can the text of the caption. This works differently depending on the machine you are using:

MPC

Place the cursor on the object you want to copy. Click the right hand mouse button and select **Save Item** from the menu. Enter a file name for the object you wish to save and select a directory or disc in which to save it.

Macintosh™

Place the cursor on the object you want to copy. Hold down the **Command/Apple** key and click on the object you want to save. Use the standard filer window to specify a file name for the object and where you wish to save it.

Acorn

Click the **Menu** button, switch to desktop execution (or press **F2**). Place the pointer over the object you want to copy, press the **Menu** button and select **Save item**. Save the object by dragging the icon into a directory or onto a disc.

Activity Sheets

This disc comes with activity sheets which can be printed out. The sheets include a range of activities, some of which require access to the CD ROM and others which can be completed without using a computer. The activity sheets are held within the **ACTSHTS** directory on the root of the CD ROM.

The file **CONTENTS** lists the activity sheets. Follow the instructions below to view or print the contents of an activity sheet:

MPC

- 1 Select **File** from the Program Manager (Windows® 3.1) or click on the **Start** button (Windows® 95) and then select **Run**.
- 2 Now type **D:\PCVANGPRT.EXE** (if your CD ROM is drive D) and press **Return** or click **OK**. The Page Printer window will open. This allows you to view or print the activity sheets on an MPC.
- 3 Click on **File** and then open the **ACTSHTS** folder within the CDROM. A list of activity sheets will be displayed. Select the activity sheet you require.
- 4 To print an activity sheet, select **Print** from the Page Printer menu.

N.B. Users of the Oak 'Draw' program may use it to edit or view the worksheets directly.

Macintosh™

- 1 Run **Page Printer** from the **World Population** folder window.
- 2 Click on **File** and then open the **ACTSHTS** folder. A list of activity sheets will be displayed. Select the activity sheet you require.
- 3 To print an activity sheet, select **Print** from the menu.

Acorn

Open the **ACTSHTS** folder to reveal the activity sheets. Double click on an activity sheet to view it. Print from !Draw or drag the file direct to the printer manager.

The sheets have been produced in !Draw format. You may amend the sheets as you see fit to suit your own requirements. See the RISC OS User Guide for full details on how to use !Draw.

Data on this disc

The data held within the atlasfile is available on the disc in many formats that can be exported into database and spreadsheet software to allow users to make full use of the information.

The data can be found within a directory called "**DATA**" on the root of the CD ROM.

MPC

The data is available in formats that can be exported into database and spreadsheet software running under Windows.

Formats are:

Key Plus - the popular database software by Anglia Multimedia

CSV (Comma Separated Value) - suitable for import into spreadsheets such as Microsoft Excel and most database software on the PC.

DIF (Data Interchange Format) - another popular common format that many spreadsheets and databases will recognise. It is also the format accepted by palmtop computers and can be transferred using appropriate software.

Macintosh™

The data is available in formats that can be exported into database and spreadsheet software running on the Apple Macintosh.

Formats are:

ClarisWorks Database - popular integrated software by Claris. The file is in database format.
CSV (Comma Separated Value) - suitable for import into spreadsheets such as Microsoft Excel.
DIF (Data Interchange Format) - another popular common format that many spreadsheets and databases will recognise. This file format should be used when wanting to open the file automatically in the spreadsheet module of ClarisWorks or directly into databases such as FileMaker Pro. It is also the format accepted by palmtop computers and can be transferred using appropriate software.

Acorn

The data is available in formats that can be exported into most database and spreadsheet software running on Acorn machines.

Formats are:

Key Plus / Datapower - popular database software by Anglia Multimedia and Iota. The file will run directly in either database if you click on it. This file is also compatible with Anglia Multimedia's Key Calc spreadsheet.

CSV (Comma Separated Value) - suitable for import into spreadsheets such as Eureka and most database software on the Acorn.

DIF (Data Interchange Format) - another popular common format that many spreadsheets and databases will recognise. It is also the format accepted by palmtop computers such as the Acorn PocketBook and can be transferred using appropriate software.

Datafile field names

The activity sheets acknowledge the fact that the data is provided in the form of a datafile as well as via the choropleth mapping system. The following table will enable the user to choose the correct set of data to view when using the activity sheets. If, when importing data into your own data handling software, a field name is requested, then use of the datafile field name listed below, will ensure that the activity sheets will relate directly to your new datafile.

ATLASFILE FIELD NAME

LAND AREA
POPULATION 1976
POPULATION 1995
POPULATION 2025
POPULATION DOUBLING
POPULATION DENSITY
BIRTHRATE
DEATHRATE
POPULATION GROWTH
INFANT MORTALITY
LIFE EXPECTANCY
PERCENTAGE OF CHILDREN
PERCENTAGE OF ADULTS
PERCENTAGE OF OLDER PEOPLE
PERCENTAGE IN TOWNS (1976)
PERCENTAGE IN TOWNS (1991)
GROWTH IN TOWN DWELLERS
EMPLOYMENT IN PRIMARY INDUSTRIES
EMPLOYMENT IN SECONDARY INDUSTRIES
EMPLOYMENT IN THE SERVICE SECTOR
GNP PER PERSON
FOOD CALORIES EATEN PER DAY
NUMBER OF PEOPLE PER DOCTOR
PEOPLE WITH SAFE DRINKING WATER
PRIMARY SCHOOL EDUCATION
FEMALE EDUCATION
LITERACY - READING AND WRITING
TELEVISION WATCHING

DATAFILE FIELD NAME

AREA
POPULATION1976
POPULATION1995
POPULATION2025
DOUBLING TIME
POP DENSITY
BIRTHRATE/1000
DEATHRATE/1000
%POP GROWTH
INFANT MORTAL
LIFE EXPECT
%POP AGE 0 - 15
%POP AGE 15 - 60
%POP AGE 60+
%POP URBAN1976
%POP URBAN1991
%CHANGE URBAN
%EMP PRIMARY
%EMP INDUSTRY
%EMP SERVICES
GNP/CAPITA1991
CALORIES/DAY
POP/DOCTOR
%POP/SAFEWATER
%PRIMARYSCHOOL
%FEMALESCCHOOL
%ADULTLITERACY
TV/1000

CREDITS

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Bryony Pritchard

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David Bevan, Quentin Thurtle

Activity sheets:

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Linda Riley - compilation

OTHER SELECTED TITLES FROM ANGLIA Multimedia



BRITISH ISLES *From the Air*



Japan ATLASFILE

Weather systems - Page 10

Warms front

As a warm front is formed when warm air replaces cold air. The warm air is forced to rise over the cold air, producing a gently sloping boundary.

Clouds

The first sign of an approaching warm front is often high cirrus cloud. As the front gets closer, the cloud thickens and gets lower. Eventually there is usually some precipitation - rain, sleet or snow.

Diagram illustrating a warm front: A front boundary is shown sloping upwards from left to right. A 'Warms air' arrow points towards the boundary. A 'Cold air' arrow points away from the boundary. Labels include: 'Nimbostratus', 'Stratus', 'Cirrus', 'Front', 'Warms air', 'Cold air', and 'Precipitation'.

Animation

Although you might be more than 150 km away from the warm front at ground level, and still in cold air, the boundary could be only 1000 m above you.

Navigation icons: back, forward, search, etc.

Understanding ENERGY

What are our sources of energy?



Nuclear, Wave, Oil & Gas, Coal, Wind, Tidal, Solar, Hot rock, Bio, Hydro

Alternative view

The World's WEATHER

For full catalogue ring/fax 01268 755811

